

ABSTRACT OF THE DISCLOSURE

5 A telecommunications system and method is disclosed
for delivering a Short Message Service (SMS) message to
a dual mode mobile terminal in data mode within a network
capable of providing both voice services and data
services. To receive the SMS message during a data
session, the SMS message is encapsulated into an Internet
Protocol (IP) packet and routed to the mobile terminal as
an electronic mail (e-mail) message. In one embodiment,
10 when the SMS message is received at the Mobile Services
Switching Center (MSC) serving the mobile terminal, the
MSC determines whether the mobile terminal is in data
mode. If so, the MSC converts the SMS message into an e-
mail message and routes the e-mail message to the mobile
15 terminal via the Packet Data Service Node (PDSN) serving
the mobile terminal. In an alternative embodiment, the
MSC routes the SMS message to the Base Station Controller
(BSC) serving the mobile terminal. The BSC translates
the SMS message into an e-mail message and transmits the
20 e-mail message to the mobile terminal.